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US 20050267573 A9	US- PGP UB	20051201	Devices, systems, and methods for supplementing, repairing, or replacing a native heart valve leaflet	623/2.36	623/2.18	Macoviak, A. et al.
US 20050244311 A1	US- PGP UB	20051103	Grid plate bubble cap for reaction vessel used in hydroconversion of fossil fuels	422/187	422/190	Kao, Thon al.
US 20050229264 A1	US- PGP UB	20051013	Recombinant gelatins	800/8	435/252.3; 435/254.2; 435/320.1; 435/325; 435/419; 435/69.1; 530/354; 536/23.2; 800/288	Chang, Rc et al.
US 20050228495 A1	US- PGP UB	20051013	Suspended heart valve devices, systems, and methods for supplementing, repairing, or replacing a native heart valve	623/2.18		Macoviak, A.
US 20050228468 A1	US- PGP UB	20051013	Devices, systems, and methods for treating atrial fibrillation	607/119		Macoviak, A. et al.
US 20050228422 A1	US- PGP UB	20051013	Devices, systems, and methods for reshaping a heart valve annulus, including the use of magnetic tools	606/167	606/184	Machold, Timothy R
US 20050222489 A1	US- PGP UB	20051006	Devices, systems, and methods for reshaping a heart valve annulus, including the use of a bridge implant	600/37	606/185	Rahdert, E et al.
US 20050222488 A1	US- PGP UB	20051006	Devices, systems, and methods for reshaping a heart valve annulus	600/37	606/151; 623/2.11	Chang, Rc et al.
US 20050216550 A1	US- PGP UB	20050929	Communication mode and group integration for social networks	709/202		Paseman, G. et al.
US 20050216079 A1	US- PGP UB	20050929	Heart valve annulus device and method of using same	623/2.38	606/154	MaCoviak A.

US 20050209658 A1	US- PGP UB	20050922	Disposable cassette for intravenous heat exchange catheter	607/96	417/477.2; 607/104; 607/105; 607/108; 607/112; 607/114	Machold, Timothy R
US 20050192615 A1	US- PGP UB	20050901	Method and device for use in minimally invasive placement of intragastric devices	606/192	128/898	Torre, Rog et al.
US 20050169822 A1	US- PGP UB	20050804	Feedstream inlet sparger for reaction vessel used in hydroconversion of fossil fuels	422/231	422/139	Kao, Thon al.
US 20050159673 A1	US- PGP UB	20050721	Temperature sensing system with retrograde sensor	600/549	374/100	Dae, Mich et al.
US 20050154819 A1	US- PGP UB	20050714	Memory card that supports file system interoperability	711/103	711/170; 711/203	Conley, K al.
US 20050144362 A1	US- PGP UB	20050630	Flash storage system with write/erase abort detection mechanism	711/103	711/156	Lin, Jason
US 20050129595 A1	US- PGP UB	20050616	Liquid recycle inlet distributor for reaction vessel used in hydroconversion of fossil fuels	422/231	422/234	Kao, Thon al.
US 20050129587 A1	US- PGP UB	20050616	Reactor cup shell-in-shell riser for reaction vessel used in hydroconversion of fossil fuels	422/139	422/144	Kao, Thon al.
US 20050129586 A1	US- PGP UB	20050616	Apparatus for hydrocracking and /or hydrogenating fossil fuels	422/139	422/143; 422/145	Kao, Thon al.
US 20050119731 A1	US- PGP UB	20050602	Bifurcated stent and delivery system	623/1.35		Brucker, C G. et al.
US 20050091445 A1	US- PGP UB	20050428	Internal maintenance schedule request for non-volatile memory system	711/103		Chang, Rc et al.
US 20050075705 A1	US- PGP UB	20050407	Disposable cassette for intravascular heat exchange catheter	607/96	607/104; 607/107; 607/114	Machold, Timothy R
US 20050058703	US- PGP	20050317	Gelatin capsules	424/456	530/354	Chang, Rc et al.

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US 20050055089 A1	US- PGP UB	20050310	Devices, systems, and methods for reshaping a heart valve annulus	623/2.37	623/2.11	Macoviak, A. et al.
US 20050043579 A1	US- PGP UB	20050224	Intra-aortic balloon counterpulsation with concurrent hypothermia	600/18		Dae, Mich et al.
US 20050027290 A1	US- PGP UB	20050203	Method for reducing myocardial infarct by application of intravascular hypothermia	606/27		Dae, Mich et al.
US 20050010287 A1	US- PGP UB	20050113	Devices, systems, and methods for supplementing, repairing, or replacing a native heart valve leaflet	623/2.36	623/904	Macoviak, A. et al.
US 20040260393 A1	US- PGP UB	20041223	Devices, systems, and methods for reshaping a heart valve annulus	623/2.36		Rahdert, I et al.
US 20040243107 A1	US- PGP UB	20041202	Methods and devices for treating atrial fibrillation	606/1	128/898	Macoviak, et al.
US 20040235609 A1	US- PGP UB	20041125	Gearbox device having ceramic-incorporating oil seal units	475/331		Chang, Rc S.
US 20040221813 A1	US- PGP UB	20041111	Carbon nanostructures and methods of preparation	118/723E	423/447.1	Chang, Rc P.H.
US 20040194791 A1	US- PGP UB	20041007	Methods and systems for performing thoracoscopic coronary bypass and other procedures	128/898		Sterman, V D. et al.
US 20040177212 A1	US- PGP UB	20040909	Maintaining an average erase count in a non-volatile storage system	711/103	711/154	Chang, Rc et al.
US 20040167593 A1	US- PGP UB	20040826	Heat exchange catheter with discrete heat exchange elements	607/105	607/113	Keller, W al.
US 20040147987 A1	US- PGP UB	20040729	Methods and apparatus for regional and whole body temperature modification	607/106	607/105; 607/114	Ginsburg, et al.
US 20040143311 A1	US- PGP UB	20040722	Disposable cassette for intravascular heat exchange catheter	607/96	607/104; 607/107; 607/114	Machold, Timothy R
US 20040138745	US- PGP	20040715	Methods and devices for heart valve treatments	623/2.36	623/2.14; 623/23.7	Macoviak, A. et al.

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US 20040127982 A1	US- PGP UB	20040701	Devices, systems, and methods for reshaping a heart valve annulus	623/2.36	623/2.37	Machold, Timothy R
US 20040127981 A1	US- PGP UB	20040701	Devices, systems, and methods for retaining a native heart valve leaflet	623/2.36	623/2.37	Rahdert, L et al.
US 20040103241 A1	US- PGP UB	20040527	Method and apparatus for effectively enabling an out of sequence write process within a non-volatile memory system	711/103	711/154	Chang, Rc et al.
US 20040098030 A1	US- PGP UB	20040520	Methods and apparatus for blocking flow through blood vessels	606/200		Makower, et al.
US 20040083405 A1	US- PGP UB	20040429	Power management block for use in a non-volatile memory system	714/24	711/103	Chang, Rc et al.
US 20040083348 A1	US- PGP UB	20040429	Method and apparatus for performing block caching in a non-volatile memory system	711/202	711/103; 711/118; 711/165	Chang, Rc et al.
US 20040083334 A1	US- PGP UB	20040429	Method and apparatus for managing the integrity of data in non-volatile memory system	711/103		Chang, Rc et al.
US 20040083333 A1	US- PGP UB	20040429	Hybrid implementation for error correction codes within a non-volatile memory system	711/103		Chang, Rc et al.
US 20040080998 A1	US- PGP UB	20040429	Unusable block management within a non-volatile memory system	365/200		Chang, Rc et al.
US 20040080985 A1	US- PGP UB	20040429	Maintaining erase counts in non-volatile storage systems	365/185.3 3		Chang, Rc et al.
US 20040073280 A1	US- PGP UB	20040415	Method of controlling body temperature while reducing shivering	607/96	607/105; 607/113	Dae, Mich et al.
US 20040068644 A1	US- PGP UB	20040408	Booting from non-linear memory	713/1		Hutton, H et al.
US 20040059280 A1	US- PGP UB	20040325	Methods and apparatus for bypassing arterial obstructions and/or performing other	604/8	606/108	Makower, et al.

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US 20040052289 A1	US- PGP UB	20040318	CARBON NANOSTRUCTURES AND METHODS OF PREPARATION	373/60		Chang, Rc P.H.
US 20040050154 A1	US- PGP UB	20040318	Method and system for control of a patient's body temperature by way of transluminally insertable heat exchange catheter	73/204.11		Machold, Timothy R
US 20040039431 A1	US- PGP UB	20040226	Method and system for control of a patient's body temperature by way of transluminally insertable heat exchange catheter	607/106	607/115	Machold, Timothy R
US 20040030259 A1	US- PGP UB	20040212	Temperature sensing system with retrograde sensor	600/549		Dae, Mich et al.
US 20040024437 A1	US- PGP UB	20040205	Disposable cassette for intravascular heat exchange catheter	607/105	607/113	Machold, Timothy R
US 20030236496 A1	US- PGP UB	20031225	Aortic catheter with porous aortic arch balloon and methods for selective aortic perfusion	604/103.0 2		Samson, V J. et al.
US 20030225336 A1	US- PGP UB	20031204	Devices and methods for measuring blood flow rate or cardiac output and for heating or cooling the body	600/505		Callister, J P. et al.
US 20030195597 A1	US- PGP UB	20031016	Multiple lumen heat exchange catheters	607/105		Keller, W et al.
US 20030167395 A1	US- PGP UB	20030904	Implementation of storing secret information in data storage reader products	713/183		Chang, Rc et al.
US 20030158574 A1	US- PGP UB	20030821	Flow-through aortic flow divider for cerebral and coronary embolic protection	606/200		Esch, Brac al.
US 20030158571 A1	US- PGP UB	20030821	Aortic flow divider for cerebral and coronary embolic protection	606/192		Esch, Brac al.
US 20030138350 A1	US- PGP UB	20030724	Circulatory support system and method of use for isolated segmental perfusion	422/45	604/4.01; 604/6.13; 604/6.16	MacOviak et al.

US 20030135252 A1	US- PGP UB	20030717	Method and system for control of a patient's body temperature by way of transluminally insertable heat exchange catheter	607/106		MacHold, Timothy R
US 20030097169 A1	US- PGP UB	20030522	Bifurcated stent and delivery system	623/1.11	623/1.16; 623/1.35	Brucker, C G. et al.
US 20030088868 A1	US- PGP UB	20030508	Implementation of in system programming to update firmware on memory cards	717/173	717/178	Chang, Rc et al.
US 20030064074 A1	US- PGP UB	20030403	Recombinant gelatins in vaccines	424/184.1		Chang, Rc et al.
US 20030036728 A1	US- PGP UB	20030220	Aortic catheter with porous aortic arch balloon	604/103.0 1	604/509	Samson, V J. et al.
US 20030028760 A1	US- PGP UB	20030206	System and method for booting from a non-volatile application and file storage device	713/2	711/103; 711/165	Chang, Rc al.
US 20020193873 A1	US- PGP UB	20021219	Bifurcated stent and delivery system	623/1.35	623/1.16	Brucker, C G. et al.
US 20020187875 A1	US- PGP UB	20021212	PLANETARY GEAR DEVICE FOR REDUCING SPEED OF AN OUTPUT SHAFT OF A MOTOR	475/331		Chang, Rc C.S.
US 20020186842 A1	US- PGP UB	20021212	System, method, and device for playing back recorded audio, video or other content from non-volatile memory cards, compact disks, or other media	380/200		Sabet-Sha Farshid et
US 20020179098 A1	US- PGP UB	20021205	Methods and apparatus for transmyocardial direct coronary revascularization	128/898	623/1.24	Makower, et al.
US 20020176575 A1	US- PGP UB	20021128	System, method, and device for playing back recorded audio, video or other content from non-volatile memory cards, compact disks or other	380/201		Qawami, I et al.

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US 20020173840 A1	US- PGP UB	20021121	Bifurcated stent	623/1.16	623/1.35	Brucker, C G. et al.
US 20020169437 A1	US- PGP UB	20021114	Method of cerebral embolic protection employing an aortic flow divider	604/509	604/102.0 3	Macoviak, A. et al.
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US 20020161351 A1	US- PGP UB	20021031	Method and apparatus for treating acute myocardial infarction with selective hypothermic perfusion	604/507	604/113; 604/6.13	Samson, V J. et al.
US 20020143362 A1	US- PGP UB	20021003	Cerebral embolic protection assembly and method of use	606/200		Macoviak, A. et al.
US 20020111657 A1	US- PGP UB	20020815	Method of controlling body temperature while reducing shivering	607/113		Dae, Mich et al.
US 20020111616 A1	US- PGP UB	20020815	Method for reducing myocardial infarct by application of intravascular hypothermia	606/41		Dea, Mich et al.
US 20020103445 A1	US- PGP UB	20020801	Thermography catheter with flexible circuit temperature sensors	600/549		Rahdert, L et al.
US 20020100482 A1	US- PGP UB	20020801	Methods and systems for performing thoracoscopic coronary bypass and other procedures	128/898	604/523; 604/6.14	Sterman, V D. et al.
US 20020082515 A1	US- PGP UB	20020627	Thermography catheter	600/549		Campbell, Thomas H
US 20020077564 A1	US- PGP UB	20020620	Thermography catheter	600/549		Campbell, Thomas H
US 20020062146 A1	US- PGP UB	20020523	Methods and apparatus for transmyocardial direct coronary revascularization	623/1.13	128/898; 623/1.24; 623/2.14; 623/904	Makower, et al.
US 20020055757 A1	US- PGP UB	20020509	Method and device for use in minimally invasive placement of intragastric devices	606/192		Torre, Rog et al.

US 20020045925 A1	US- PGP UB	20020418	Multiple lumen heat exchange catheters	607/106	607/113	Keller, W. et al.
US 20020023653 A1	US- PGP UB	20020228	Methods and systems for performing thoracoscopic cardiac bypass and other procedures	128/898	604/4.01; 623/2.1	Sterman, V. D. et al.
US 20020016910 A1	US- PGP UB	20020207	Method for secure distribution of documents over electronic networks	713/150	705/51	Wright, R. et al.
US 20020013569 A1	US- PGP UB	20020131	Methods and systems for performing thoracoscopic coronary bypass and other procedures	604/508	128/898; 604/4.01; 604/507; 604/509; 604/6.14; 604/6.16	Sterman, V. D. et al.
US 20020010411 A1	US- PGP UB	20020124	Method and apparatus for cerebral embolic protection	604/8		Macoviak, A. et al.
US 20010047196 A1	US- PGP UB	20011129	Method and apparatus for regional and whole body temperature modification	607/96	607/104; 607/106; 607/113	Ginsburg, et al.
US 20010047165 A1	US- PGP UB	20011129	Catheters and related devices for forming passageways between blood vessels or other anatomical structures	604/528	604/164.1 2; 604/529	Makower, et al.
US 20010044644 A1	US- PGP UB	20011122	Heat exchange catheter with discrete heat exchange elements	607/105	607/113	Keller, W. al.
US 20010044591 A1	US- PGP UB	20011122	System for cardiac procedures	604/6.11	604/6.14	Stevens, J. et al.
US 20010039426 A1	US- PGP UB	20011108	Transluminal methods and devices for closing, forming attachments to, and/or forming anastomotic junctions in, luminal anatomical structures	606/153		Makower, et al.
US 20010020160 A1	US- PGP UB	20010906	Methods and devices for occluding a vessel and performing differential perfusion	604/509	604/102.0 2; 604/102.0 3	Esch, Brac
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US 6997942 B2	USP AT	20060214	Disposable cassette for intravascular heat exchange catheter	607/96	417/477.2; 607/104; 607/105; 607/108; 607/112; 607/114	Machold; Timothy R
US 6992172 B1	USP AT	20060131	Recombinant gelatins	530/354	435/320.1; 435/325; 435/69.1; 530/350; 536/23.1	Chang; Rc et al.
US 6985992 B1	USP AT	20060110	Wear-leveling in non-volatile storage systems	711/103	365/185.0 1; 365/185.0 2; 365/185.2 9; 365/185.3 3; 711/154; 711/170; 711/173; 711/202; 711/5; 711/6	Chang; Rc et al.
US 6973531 B1	USP AT	20051206	Tracking the most frequently erased blocks in non-volatile memory systems	711/103	711/101; 711/102; 711/154; 711/155	Chang; Rc et al.
US 6960325 B2	USP AT	20051101	Apparatus for hydrocracking and/or hydrogenating fossil fuels	422/145	261/114.2; 261/126; 422/139; 422/147; 422/232; 422/236	Kao; Thor al.
US 6929009 B2	USP AT	20050816	Method and apparatus for transmyocardial direct coronary revascularization	128/898	606/108	Makower; et al.
US 6893459 B1	USP AT	20050517	Heart valve annulus device and method of using same	623/2.11	623/2.38	Macoviak; A.
US 6890347 B2	USP AT	20050510	Disposable cassette for intravascular heat exchange catheter	607/96	417/477.2; 607/104; 607/105; 607/108; 607/112; 607/114	Machold; Timothy R

US 6869381 B2	USP AT	20050322	Gearbox device having ceramic-incorporating oil seal units	475/346	277/405; 74/606R	Chang; Rc S.
US 6866650 B2	USP AT	20050315	System for cardiac procedures	604/102.0 1		Stevens; J. et al.
US 6866638 B2	USP AT	20050315	Temperature sensing system with retrograde sensor	600/549	374/100	Dae; Mich et al.
US 6831865 B2	USP AT	20041214	Maintaining erase counts in non-volatile storage systems	365/185.3 3	365/218	Chang; Rc et al.
US 6811551 B2	USP AT	20041102	Method for reducing myocardial infarct by application of intravascular hypothermia	606/27		Dae; Mich et al.
US 6800068 B1	USP AT	20041005	Intra-aortic balloon counterpulsation with concurrent hypothermia	604/113	600/18; 604/500; 607/105	Dae; Mich et al.
US 6765949 B2	USP AT	20040720	Carbon nanostructures and methods of preparation	373/2	204/173; 373/62; 977/742; 977/743; 977/842; 977/900 CIPG 20060101 A C01B C01B31/0 0 L I R US M 20060101 CICL C01B CIPS C01B31/0 0 20060101 CIPG 20060101 A C01B C01B31/0 2 L I R US M 20060101 CICL C01B	Chang; Rc H.

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US 6726651 B1	USP AT	20040427	Method and apparatus for differentially perfusing a patient during cardiopulmonary bypass	604/101.0 1	604/102.0 1; 604/4.01	Robinson; et al.
US 6702840 B2	USP AT	20040309	Heat exchange catheter with discrete heat exchange elements	607/105	607/104; 607/106	Keller; W al.
US 6702839 B1	USP AT	20040309	Method of controlling body temperature while reducing shivering	607/96	607/106; 607/113	Dae; Mich et al.
US 6702783 B1	USP AT	20040309	Endovascular heat-and gas-exchange catheter device and related methods	604/113	604/103.0 1	Dae; Mich et al.
US 6702773 B1	USP AT	20040309	Methods and devices for performing differential perfusion	604/4.01	604/6.11; 604/6.14	Macoviak; al.
US 6695877 B2	USP AT	20040224	Bifurcated stent	623/1.16	623/1.35	Brucker; C G. et al.
US 6695874 B2	USP AT	20040224	Method and system for control of a patient's body temperature by way of transluminally insertable heat exchange catheter	607/106	607/104; 607/114; 607/96	Machold; Timothy R
US 6695864 B2	USP AT	20040224	Method and apparatus for cerebral embolic protection	606/200	606/194	Macoviak; A. et al.
US 6695811 B2	USP AT	20040224	Aortic catheter with porous aortic arch balloon	604/103.0 1	604/101.0 1; 604/103.0 7; 606/194	Samson; V J. et al.
US 6673098 B1	USP AT	20040106	Disposable cassette for intravascular heat exchange catheter	607/96	607/104; 607/107; 607/114	Machold; Timothy R
US 6673041 B1	USP AT	20040106	Catheter system for surgical access and circulatory support of the heart	604/101.0 1	604/101.0 3; 604/43	Macoviak; A.
US 6673040 B1	USP AT	20040106	System and methods for catheter procedures with circulatory support in high risk patients	604/101.0 1	604/101.0 3; 604/101.0 5; 604/102.0 2;	Samson; V J. et al.

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US 6669680 B1	USP AT	20031230	Methods of maintaining selective flow within a vessel	604/509	604/43	Macoviak; al.
US 6669674 B1	USP AT	20031230	Introducer and perfusion cannula	604/264	604/104	Macoviak; A. et al.
US 6655386 B1	USP AT	20031202	Transluminal method for bypassing arterial obstructions	128/898		Makower; et al.
US 6638293 B1	USP AT	20031028	Methods and apparatus for blocking flow through blood vessels	606/200		Makower; et al.
US 6620189 B1	USP AT	20030916	Method and system for control of a patient's body temperature by way of a transluminally insertable heat exchange catheter	607/106	607/105; 607/113	Machold; Timothy R
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US 6616675 B1	USP AT	20030909	Methods and apparatus for connecting openings formed in adjacent blood vessels or other anatomical structures	606/155	606/153	Evard; Phi al.
US 6610083 B2	USP AT	20030826	Multiple lumen heat exchange catheters	607/105	606/20; 606/21; 606/24; 607/104; 607/96	Keller; W et al.
US 6585689 B1	USP AT	20030701	Aortic catheter and methods for inducing cardioplegic arrest and for selective aortic perfusion	604/103.0 7	604/101.0 5	Macoviak; A. et al.
US 6582457 B2	USP AT	20030624	Method of controlling body temperature while reducing shivering	607/113	514/12; 514/215; 514/396; 514/429; 514/649; 604/500; 604/503; 604/506; 607/96	Dae; Mich et al.
US 6572638	USP	20030603	Method of controlling body	607/96	607/106;	Dae; Mich

B1	AT		temperature while inhibiting thermoregulatory responses		607/113	et al.
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US 6544282 B1	USP AT	20030408	Inhibition of platelet activation, aggregation and/or adhesion by hypothermia	607/105	606/21; 607/104; 607/106	Dae; Mich et al.
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US 6508777 B1	USP AT	20030121	Circulatory support system and method of use for isolated segmental perfusion	604/4.01	604/101.0 1; 604/19; 604/6.11; 604/6.16; 604/8; 604/9; 604/96.01	Macoviak; al.
US 6508759 B1	USP AT	20030121	Stereoscopic percutaneous visualization system	600/168	359/381; 600/101; 600/102; 600/114; 600/172; 600/176	Taylor; Ch et al.
US 6503168 B2	USP AT	20030107	Planetary gear device for reducing speed of an output shaft of a motor	475/348	475/331	Chang; Ro S.
US 6497721 B2	USP AT	20021224	Method and apparatus for regional and whole body temperature modification	607/106	607/113	Ginsburg, incapacite Robert et a
US 6494897 B2	USP AT	20021217	Methods and systems for performing thoracoscopic cardiac bypass and other procedures	606/213		Sterman; V D. et al.
US 6491707 B2	USP AT	20021210	Transluminal methods and devices for closing, forming attachments to, and/or forming anastomotic junctions in, luminal anatomical structures	606/157	606/139; 606/144; 606/153	Makower; et al.
US 6428978 B1	USP AT	20020806	Methods for the production of gelatin and full-length triple helical collagen in	435/69.1	530/350; 530/354; 530/356;	Olsen; Da al.

			recombinant cells		536/23.1; 536/24.3	
US 6413742 B1	USP AT	20020702	Recombinant gelatin and full-length triple helical collagen	435/69.1	530/350; 530/354; 530/356; 536/23.1; 536/24.3	Olsen; Da al.
US 6395014 B1	USP AT	20020528	Cerebral embolic protection assembly and associated methods	606/200	606/194	Macoviak; A. et al.
US 6371935 B1	USP AT	20020416	Aortic catheter with flow divider and methods for preventing cerebral embolization	604/43		Macoviak; A. et al.
US 6361545 B1	USP AT	20020326	Perfusion filter catheter	606/200	606/151; 606/194	Macoviak; A. et al.
US 6325067 B1	USP AT	20011204	Methods and systems for performing thoracoscopic coronary bypass and other procedures	128/898		Sterman; V D. et al.
US 6311693 B1	USP AT	20011106	Method and systems for performing thoracoscopic cardiac bypass and other procedures	128/898		Sterman; V D. et al.
US 6309383 B1	USP AT	20011030	Stent crimper apparatus with radiation shield	606/1	606/108; 606/198	Campbell; Thomas H
US 6302875 B1	USP AT	20011016	Catheters and related devices for forming passageways between blood vessels or other anatomical structures	604/528		Makower; et al.
US 6287317 B1	USP AT	20010911	Transluminal methods and devices for closing, forming attachments to, and/or forming anastomotic junctions in, luminal anatomical structures	606/153	606/139; 606/144	Makower; et al.
US 6264679 B1	USP AT	20010724	Heat exchange catheter with discrete heat exchange elements	607/105	606/21; 607/99	Keller; W; al.
US 6254563 B1	USP AT	20010703	Perfusion shunt apparatus and method	604/8	604/101.0 5; 604/104; 604/99.04; 606/194	Macoviak; A. et al.
US 6245026	USP	20010612	Thermography catheter	600/549		Campbell;

B1	AT					Thomas H
US 6224617 B1	USP AT	20010501	Methods and apparatus for defibrillating a heart refractory to electrical stimuli	606/170	607/5	Saadat; V al.
US 6210363 B1	USP AT	20010403	Methods and devices for occluding a vessel and performing differential perfusion	604/96.01	604/99.02	Esch; Brac
US 6190353 B1	USP AT	20010220	Methods and apparatus for bypassing arterial obstructions and/or performing other transvascular procedures	604/95.01	600/137	Makower; et al.
US 6139517 A	USP AT	20001031	Perfusion shunt apparatus and method	604/8	604/101.0 5; 604/104; 604/96.01; 606/194	Macoviak; A. et al.
US 6117105 A	USP AT	20000912	Aortic catheter and methods for inducing cardioplegic arrest and for selective aortic perfusion	604/96.01	604/500; 604/509	Bresnahan F. et al.
US 6110145 A	USP AT	20000829	Catheter system for surgical access and circulatory support of the heart	604/101.0 1	604/43	Macoviak; A.
US 6099506 A	USP AT	20000808	Introducer and perfusion cannula	604/173	604/103.0 3; 604/264; 604/539	Macoviak; A. et al.
US 6090035 A	USP AT	20000718	Stent loading assembly for a self-expanding stent	600/7	600/3	Campbell; Thomas H
US 6071292 A	USP AT	20000606	Transluminal methods and devices for closing, forming attachments to, and/or forming anastomotic junctions in, luminal anatomical structures	606/158	606/139; 606/151; 606/157	Makower; et al.
US 6068090 A	USP AT	20000530	Braking device for a bicycle	188/24.22	188/24.11; 188/250B	Chen; Jac
US 6059757 A	USP AT	20000509	Single lumen catheter with controlled antegrade and retrograde flow	604/247	604/30; 604/96.01	Macoviak; A. et al.
US 6027476 A	USP AT	20000222	Methods and systems for performing thoroscopic	604/96.01	604/6.14	Sterman; V D. et al.

			coronary bypass and other procedures			
US 5962132 A	USP AT	19991005	Silica nanoparticles obtained from a method involving a direct current electric arc in an oxygen-containing atmosphere	428/402	204/164; 423/325; 423/335; 428/404; 428/704	Chang; R Pang Heng
US 5961481 A	USP AT	19991005	Systems for coronary bypass procedures	604/2	128/898; 604/4.01; 623/2.11	Sterman; V D. et al.
US 5957832 A	USP AT	19990928	Stereoscopic percutaneous visualization system	600/114	600/138; 600/160; 600/166; 600/172; 604/264	Taylor; Ch et al.
US 5916642 A	USP AT	19990629	Method of encapsulating a material in a carbon nanotube	29/509	29/243.58; 29/521; 72/50; 977/742; 977/788; 977/842 CIPG 20060101 A C23C C23C14/0 6 L I R US M 20060101 CICL C23C CIPS C23C14/0 6 20060101 CIPG 20060101 A C23C C23C14/0 6 L I R US M 20060101 CICL C23C CIPS C23C14/0 6	Chang; R H.

					20060101 CIPG 20060101 A C23C C23C14/1 4 L I R US M 20060101 CICL C23C CIPS C23C14/1 4; 20060101 CIPG 20060101 A C23C C23C14/1 4 L I R US M 20060101 CICL C23C CIPS C23C14/1 4 20060101 CIPG 20060101 A C23C C23C14/3 2 L I R US M 20060101 CICL C23C CIPS C23C14/3 2 20060101 CIPG 20060101 A C23C C23C14/3 2 L I R US M	
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					20060101 CICL C23C CIPS C23C14/3 2; 20060101 CIPG 20060101 A D01F D01F9/12 L I R US M 20060101 CICL D01F CIPS D01F9/12 20060101 CIPG 20060101 A D01F D01F9/12 L I R US M 20060101 CICL D01F CIPS D01F9/12 20060101	
US 5885238 A	USP AT	19990323	System for cardiac procedures	604/6.14	128/898; 604/96.01	Stevens; J. et al.
US 5868702 A	USP AT	19990209	System for cardiac procedures	604/96.01	604/6.14	Stevens; J. et al.
US 5855210 A	USP AT	19990105	Methods for performing heart surgery	128/898		Sterman; V. D. et al.
US 5833671 A	USP AT	19981110	Triple lumen catheter with controllable antegrade and retrograde fluid flow	604/247	604/523	Macoviak; A. et al.
US 5827237 A	USP AT	19981027	Dual lumen catheter with controlled antegrade and retrograde fluid flow	604/246	604/249; 604/523	Macoviak; A. et al.
US 5792094 A	USP AT	19980811	Method of delivering cardioplegic fluid to a patient's heart	604/4.01	128/898; 604/509; 604/96.01	Stevens; J. et al.

US 5770022 A	USP AT	19980623	Method of making silica nanoparticles	204/164	423/335	Chang; Rc Pang Heng
US 5768864 A	USP AT	19980623	Saddle girth with protective cover	54/23		Chang; Rc
US 5738649 A	USP AT	19980414	Peripheral entry biventricular catheter system for providing access to the heart for cardiopulmonary surgery or for prolonged circulatory support of the heart	604/43	604/107; 604/509	Macoviak; A.
US 5735290 A	USP AT	19980407	Methods and systems for performing thoracoscopic coronary bypass and other procedures	128/898	604/500; 606/8	Sterman; V D. et al.
US 5702368 A	USP AT	19971230	System for cardiac procedures	604/171	604/170.0 3; 604/4.01; 606/194	Stevens; J et al.
US 5611775 A	USP AT	19970318	Method of delivery therapeutic or diagnostic liquid into tissue surrounding a body lumen	604/509	604/103.0 1	Machold; Timothy R
US 5607506 A	USP AT	19970304	Growing crystalline sapphire fibers by laser heated pedestal techniques	117/33	117/222; 117/34; 117/904; 117/950	Phomsakh Vongvilay
US 5588949 A	USP AT	19961231	Stereoscopic percutaneous visualization system	600/166	600/101; 600/102; 600/172; 600/176	Taylor; Cl et al.
US 5584803 A	USP AT	19961217	System for cardiac procedures	604/6.16	604/101.0 1	Stevens; J et al.
US 5536251 A	USP AT	19960716	Thoracoscopic devices and methods for arresting the heart	604/93.01	128/DIG.2 6; 604/27; 606/205; 606/211	Evard; Phi al.
US 5529328 A	USP AT	19960625	Shock absorbing device for a bicycle	280/276	280/275	Chang; Rc al.
US 5507795 A	USP AT	19960416	Catheter with perfusion system	606/167	606/180	Chiang; A L. et al.
US 5458574 A	USP AT	19951017	System for performing a cardiac procedure	604/101.0 3	604/509; 604/919; 606/194	Machold; Timothy R
US 5452733	USP	19950926	Methods for performing	128/898	606/7	Sterman; V

A	AT		thoroscopic coronary artery bypass			D. et al.
US 5426996 A	USP AT	19950627	Fixing device for securing a handlebar stem of a bicycle	74/551.1	280/279; 403/191; 403/24; 403/290; 403/344	Chang; Rc
US 5425705 A	USP AT	19950620	Thoroscopic devices and methods for arresting the heart	604/28	604/36; 604/508; 604/92	Evard; Phi al.
US 5374403 A	USP AT	19941220	Apparatus for incinerating hazardous waste	422/168	110/211; 110/346; 422/110; 422/125; 422/182; 422/307	Chang; Rc W.
US 5362127 A	USP AT	19941108	Bicycle saddle	297/195.1	297/215.1 6; 297/452.3 8	Chang; Rc
US D351574 S	USP AT	19941018	Handlebar stem	D12/118		Chang; Rc
US 5307466 A	USP AT	19940426	Distributed programmable priority arbitration	710/121		Chang; Rc
US 5294438 A	USP AT	19940315	Lubricating and moisturizing shaving preparations	424/73	424/401; 424/45; 424/47; 424/78.03; 514/938; 514/945	Chang; Rc H. et al.
US 5263963 A	USP AT	19931123	Expandable cage catheter for repairing a damaged blood vessel	606/198	604/104; 604/913	Garrison; J E. et al.
US 5258029 A	USP AT	19931102	Method for improving implant fixation	623/23.61		Chu; Geor al.
US 5207710 A	USP AT	19930504	Method for improving implant fixation	128/898	623/923	Chu; Geor al.
US 5176661 A	USP AT	19930105	Composite vascular catheter	604/526	600/585; 604/913; 606/194	Evard; Phi al.
US 5146311 A	USP AT	19920908	Method of indentifying and quantifying oxides on rolled metal strip	348/92	348/128; 382/263	Chang; Rc
US 5114129 A	USP AT	19920519	Signature feeding apparatus	270/1.02	270/52.29; 271/157; 271/3.12	Chang; Rc al.

US 5108436 A	USP AT	19920428	Implant fixation	424/422	424/549; 514/12; 514/2; 514/21; 623/923	Chu; Geor al.
US 5056000 A	USP AT	19911008	Synchronized parallel processing with shared memory	710/110	712/21	Chang; Rc
US 5046112 A	USP AT	19910903	Suppression of machine marks on image of workpiece surface	382/152	382/261; 382/280	Chang; Rc et al.
US 5034001 A	USP AT	19910723	Method of repairing a damaged blood vessel with an expandable cage catheter	606/198	604/104; 604/913	Garrison; J E. et al.
US 5013473 A	USP AT	19910507	Encapsulated cosmetic materials and process of making	424/452	424/59; 424/60; 424/65; 424/68; 424/DIG.1 0; 428/402.2; 510/158; 510/441; 510/442; 512/2; 512/4; 514/789; 514/827; 514/844; 514/846; 514/873; 514/919; 514/962	Norbury; J J. et al.
US 5002560 A	USP AT	19910326	Expandable cage catheter with a rotatable guide	606/198	604/104; 604/913; 604/95.01	Machold; I Timothy R
US 4986616 A	USP AT	19910122	Wire drop keyboard drawer	312/323	108/138	Chang; Rc et al.
US 4981478 A	USP AT	19910101	Composite vascular catheter	604/527	600/585; 604/913; 606/194	Evard; Phi al.
US 4976961 A	USP AT	19901211	Encapsulated cosmetic materials and process of making	424/401	264/4.7; 424/408; 424/455; 424/462;	Norbury; J J. et al.

					424/501; 428/402.2 1; 514/873; 514/963	
US 4976720 A	USP AT	19901211	Vascular catheters	606/194	604/913	Machold; Timothy R
US 4941944 A	USP AT	19900717	Method for continuous countercurrent ogranosolv saccharification of comminuted lignocellulosic materials	162/19	127/37; 162/72; 162/76; 162/77	Chang; Rc
US 4940062 A	USP AT	19900710	Guiding member with deflectable tip	600/585	600/434; 604/95.04	Hampton; J. et al.
US 4912767 A	USP AT	19900327	Distributed noise cancellation system	704/205	704/233	Chang; Rc
US 4886001 A	USP AT	19891212	Method and apparatus for plasma pyrolysis of liquid waste	110/346	110/250	Chang; Rc W. et al.
US 4876136 A	USP AT	19891024	Lipstick sampling device	428/130	132/320; 206/385; 206/822; 206/823; 424/63; 424/64; 428/121; 428/131; 428/323; 428/537.5; 428/905	Chang; Rc H. et al.
US 4870911 A	USP AT	19891003	Apparatus for waste disposal and method	110/246	110/255; 432/107; 432/112	Chang; Rc W. et al.
US D303702 S	USP AT	19890926	Support rack for printer and paper	D18/49	D18/59; D6/462; D6/465	Chang; Rc
US 4769022 A	USP AT	19880906	Cleansing pad	604/368	604/289; 604/304; 606/131	Chang; Rc H. et al.
US 4755433 A	USP AT	19880705	Cover film on lipstick sampler	428/422	132/320; 424/63; 428/212; 428/484.1; 428/511	Patel; Vin
US 4722506 A	USP AT	19880202	Printer stand	248/676	248/176.1; 400/613.2;	Chang; Rc

					D18/59	
US 4680149 A	USP AT	19870714	Mold and method for spin casting a precisely configured article	264/2.1	264/311; 425/425; 425/434; 425/808	Rawlings; L. et al.
US 4570389 A	USP AT	19860218	Method of adaptive grinding	451/5	451/21; 451/26; 451/56	Leitch; Pa al.
US 4510127 A	USP AT	19850409	Compositions and method for reducing elution of therapeutic agents from teeth	424/52	424/49; 424/57	Chang; Rc H.
US 4504619 A	USP AT	19850312	Irimellitic anhydride-containing unsaturated polyesters	524/524	428/391; 428/392; 524/528; 524/539; 65/447; 65/450	Chang; Rc et al.
US RE31787 E	USP AT	19850101	Compositions for reducing elution of therapeutic agents from teeth	424/52	424/49	Chang; Rc H.
US 4485090 A	USP AT	19841127	Composition and method for reducing elution of therapeutic agents from teeth	424/52		Chang; Rc H.
US 4483725 A	USP AT	19841120	Reactive vapor deposition of multiconstituent material	427/8	117/86; 117/95; 118/723V E; 204/192.2 5; 427/457; 427/571; 427/572; 438/494; 438/7; 438/788; 438/792	Chang; Rc H.
US 4470964 A	USP AT	19840911	Composition and method for reducing elution of therapeutic agents from teeth	424/52	424/49; 424/54	Chang; Rc H.
US 4462224 A	USP AT	19840731	Instant hot or cold, reusable cold pack	62/530	206/219; 607/114; 62/4	Dunshee; K. et al.
US 4428930	USP	19840131	Compositions and method	424/52	424/49;	Chang; Rc

A	AT		for reducing elution of therapeutic agents from teeth		424/54	H.
US 4366146 A	USP AT	19821228	Compositions and method for reducing elution of therapeutic agents from teeth	424/52	424/49	Chang; Rc H.
US 4361461 A	USP AT	19821130	Hydrogen etching of semiconductors and oxides	438/710	204/192.3 2; 257/E21.2 18; 257/E21.2 22; 257/E21.2 52; 257/E21.3 12; 427/534; 438/718; 438/719	Chang; Rc H.
US 4304766 A	USP AT	19811208	Compositions for reducing elution of therapeutic agents from teeth	424/52	424/49	Chang; Rc H.
US 4300989 A	USP AT	19811117	Fluorine enhanced plasma growth of native layers on silicon	438/771	204/164; 257/E21.2 85; 423/335; 427/535; 427/579; 438/776	Chang; Rc H.
US 4246296 A	USP AT	19810120	Controlling the properties of native films using selective growth chemistry	438/695	148/241; 204/164; 257/E21.2 83; 257/E21.3 26; 427/563; 427/571; 427/596; 438/718; 438/767	Chang; Rc H.
US 4243658 A	USP AT	19810106	Compositions and methods for reducing elution of therapeutic agents from teeth	424/52	424/49	Chang; Rc H.
US 4181947	USP	19800101	Conveyor sorting system	700/223	198/349;	Krauss; D:

A	AT				198/349.6; 209/942; 700/230	al.
US 4170636 A	USP AT	19791009	Composition and method for inhibiting plaque formation	424/52		Engel; Mi et al.
US 4164563 A	USP AT	19790814	Non-greasy compositions	514/10	514/11; 514/773; 514/788.1	Chang; Rc H.
US 4144634 A	USP AT	19790320	Fabrication of gallium arsenide MOS devices	438/590	148/DIG.1 18; 148/DIG.3 ; 148/DIG.4 3; 204/164; 257/E21.2 83; 257/E21.2 9; 438/591; 438/779	Chang; Ch et al.
US 4067849 A	USP AT	19780110	Polyester prepare from a mixture of isophthalic acid, azelaic acid, trimethylpentanediol and bisphenol A	528/194	428/430; 428/431; 528/195	Chang; Rc
US 4062747 A	USP AT	19771213	Native growth of semiconductor oxide layers	204/164	257/E21.2 83; 422/186.0 3; 422/186.0 5; 422/186.3	Chang; Rc Pang Heng
US 4011511 A	USP AT	19770308	Frequency-shift digital data link and digital frequency detection system	375/337	375/357	Chang; Rc Wu-Lin
US 3986526 A	USP AT	19761019	Hybrid fluidic and fluid servo controller	137/804	137/486; 137/85; 91/384	Chang; Rc C. et al.
US 3907606 A	USP AT	19750923	Heat shield for temperature sensors	136/233	374/179; 374/208	Chang; Rc C.
US 3881513 A	USP AT	19750506	Three-coordinate fluid manifold	137/884	137/271; 235/201M E; 251/367	Chang; Rc C.

US 3856486 A	USP AT	19741224	PNEUMATIC PRESSURE CONTROL SYSTEM	96/397	137/110; 137/85	Chang; Rc C.
US 3819568 A	USP AT	19740625	NON-LEACHABLE U.V. ABSORBER AND DENTAL RESTORATIVE MATERIAL	523/116	524/854	Taylor; Cl W. et al.
US 3765441 A	USP AT	19731016	FLUID MANIFOLDING ARRANGEMENT	137/271	137/884	Chang; Rc C.
US 3735224 A	USP AT	19730522	RELAY CIRCUIT FOR MOTOR CONTROL	318/284	318/374	Bachofer; L. et al.
US 3715665 A	USP AT	19730206	JOINT INITIAL SETTING OF ATTENUATOR COEFFICIENTS AND SAMPLING TIME IN AUTOMATIC EQUALIZERS FOR SYNCHRONOUS DATA TRANSMISSION SYSTEMS	375/231	327/161; 333/18; 375/270	Chang; Rc Wu-lin
US 3697897 A	USP AT	19721010	FAST START-UP SYSTEM FOR AUTOMATIC TRANSVERSAL EQUALIZERS	333/18	375/231	Chang; Rc Wu-lin
US 3602957 A	USP AT	19710907	ELASTIC HOOK BAND	24/16PB		Chang; Rc
US 3581207 A	USP AT	19710525	JOINT SETTING OF DEMODULATING CARRIER PHASE, SAMPLING TIME AND EQUALIZER GAIN PARAMETERS IN SYNCHRONOUS DATA TRANSMISSION SYSTEMS	375/231	324/76.15; 324/76.24; 324/76.33; 333/18; 375/235; 375/270	Chang; Rc
US 3543177 A	USP AT	19701124	DIGITAL FREQUENCY COMPARATOR [TEXT AVAILABLE IN USOCR DATABASE]	331/25	327/223; 327/40; 327/42; 327/79; 331/1A; 331/1R	CHANG ROBERT
US 3540126 A	USP AT	19701117	FLUOROALKOXYALKY L 2 - CYANOACRYLATE COMPOSITIONS USED IN TOOTH TREATMENT [TEXT AVAILABLE IN	433/217.1	106/35; 260/998.1 1; 523/116; 526/245;	BANITT I H et al.

			USOCR DATABASE]		526/246; 528/950; 558/305; 558/306; 558/307; 558/430; 558/443	
US 3522383 A	USP AT	19700728	BLOCK PRECODING FOR MULTIPLE SPEED DATA TRANSMISSION [TEXT AVAILABLE IN USOCR DATABASE]	375/240	178/69R	CHANG ROBERT
US 3488445 A	USP AT	19700106	ORTHOGONAL FREQUENCY MULTIPLEX DATA TRANSMISSION SYSTEM [TEXT AVAILABLE IN USOCR DATABASE]	370/203	333/173; 370/480; 375/240	CHANG ROBERT
US 3452437 A	USP AT	19690701	DENTAL RESTORATIVE MATERIAL [TEXT AVAILABLE IN USOCR DATABASE]	433/228.1	260/998.1 1; 523/116; 523/223; 525/531	CHANG ROBERT
US 3413554 A	USP AT	19681126	Transceiver with self- tuning transmitter controlled by receiver [TEXT AVAILABLE IN USOCR DATABASE]	455/75	331/162; 331/36C; 455/119; 455/183.1; 455/77	YATES L. R et al.
US 3084189 A	USP AT	19630402	Nickel complex of glutamine dihydrate and method for purification of glutamine [TEXT AVAILABLE IN USOCR DATABASE]	562/563	423/561.1; 556/148	CHANG ROBERT
US 3036879 A	USP AT	19620529	Product and process for inhibiting corrosion [TEXT AVAILABLE IN USOCR DATABASE]	426/321	422/7; 562/560	CHANG ROBERT
US 3004992 A	USP AT	19611017	Process for the separation of waxy components from sterol-containing materials [TEXT AVAILABLE IN USOCR DATABASE]	552/545		MILLER SIDNEY I
US 2946780 A	USP AT	19600726	Preparation of vital gluten [TEXT AVAILABLE IN	530/374	241/17	BARKER NORVAL

			USOCR DATABASE]			
US 2945049 A	USP AT	19600712	Salts of basic amino acids and linoleic acid [TEXT AVAILABLE IN USOCR DATABASE]	554/107	426/656; 554/110	CHANG ROBERT al.
US 2915540 A	USP AT	19591201	Complexes of gamma glutamyl mono-esters [TEXT AVAILABLE IN USOCR DATABASE]	556/116	556/133; 556/148; 556/183; 556/62	CHANG ROBERT al.
US 2866797 A	USP AT	19581230	Improved process of isolating sterols [TEXT AVAILABLE IN USOCR DATABASE]	552/545		MANLY I CHARLES
US 2851482 A	USP AT	19580909	L-arginine-l-glutamate [TEXT AVAILABLE IN USOCR DATABASE]	562/560	426/652; 426/656	BARKER NORVAL
US 2810754 A	USP AT	19571022	Synthesis of l-glutamine from l-glutamic acid [TEXT AVAILABLE IN USOCR DATABASE]	562/563	556/116; 556/183; 564/55; 564/56; 564/57	BARKER NORVAL

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